

Attorney Docket No.: 527122000300
Filing Date: July 7, 2003
Inventors: John C. Jones et al.
Serial No.: NEW APPLICATION

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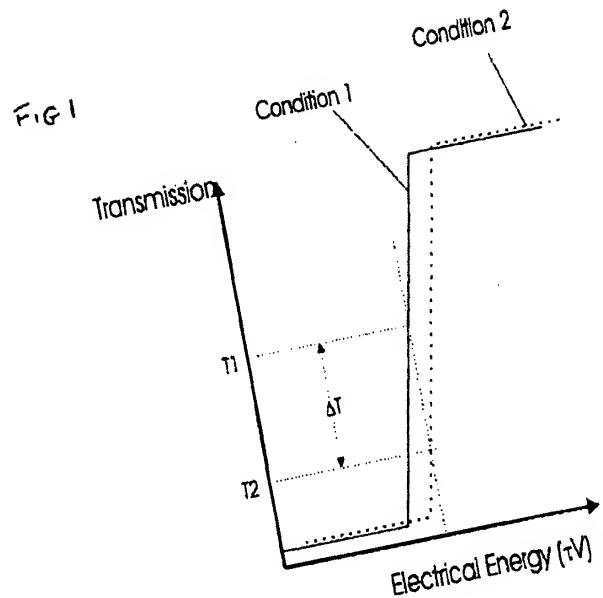
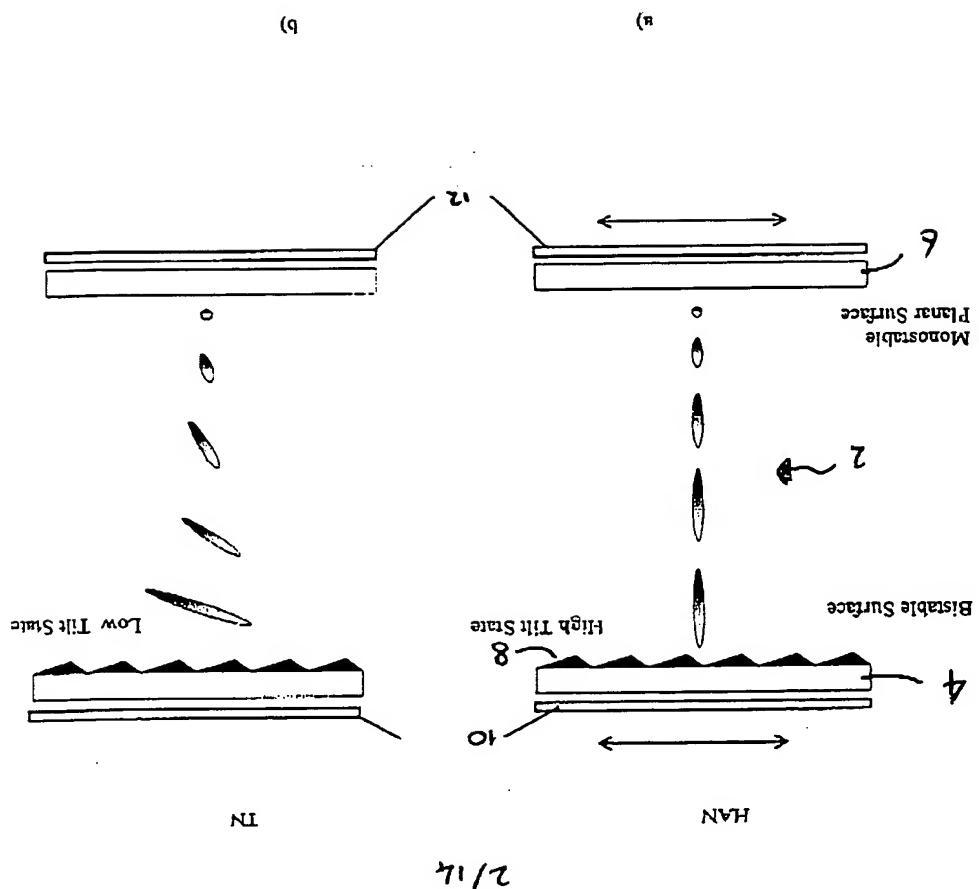


Figure 2.



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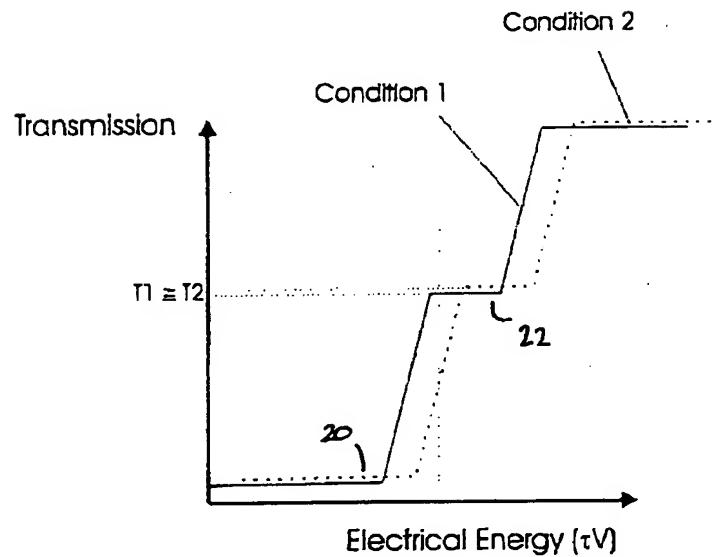


Figure 3.

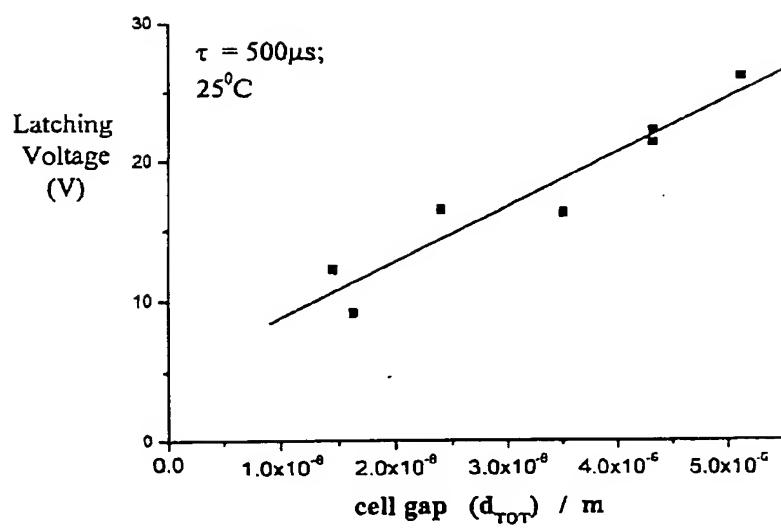
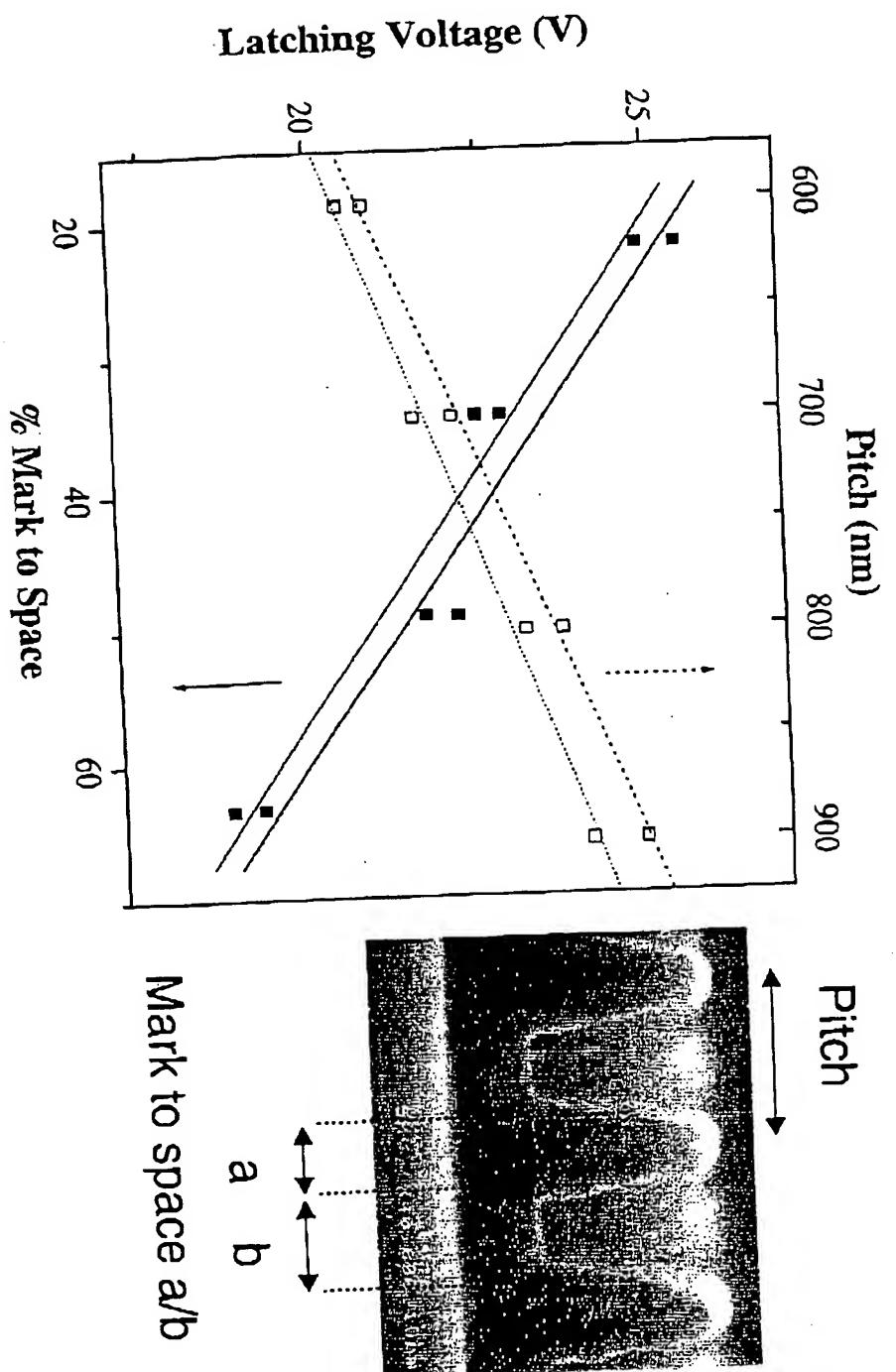


Figure 4.

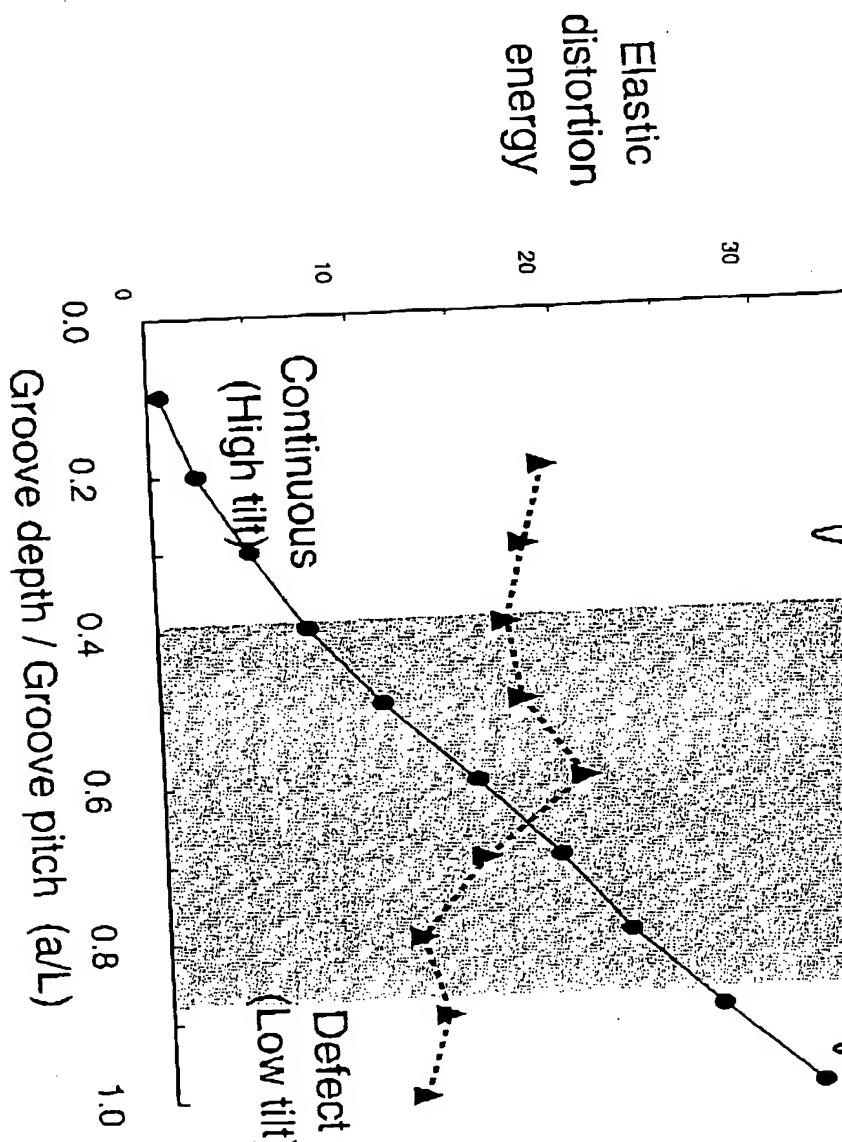
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Grating shape and latching threshold

Fig 6



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Fig 7

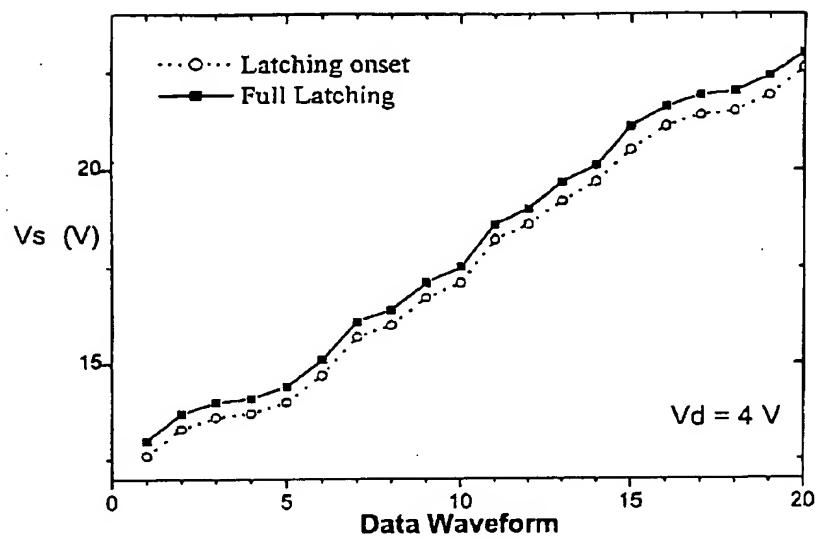
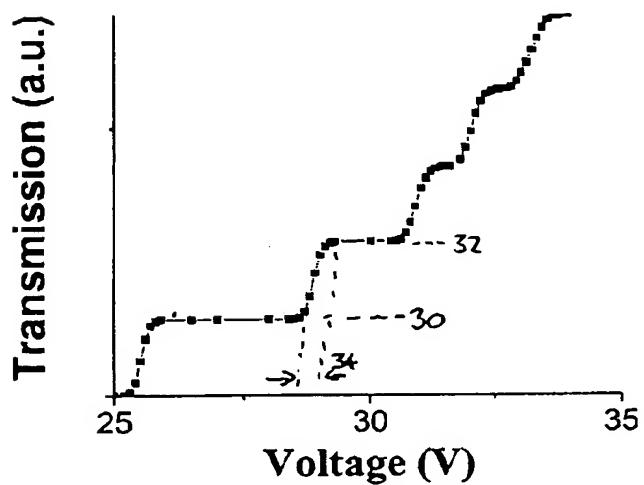
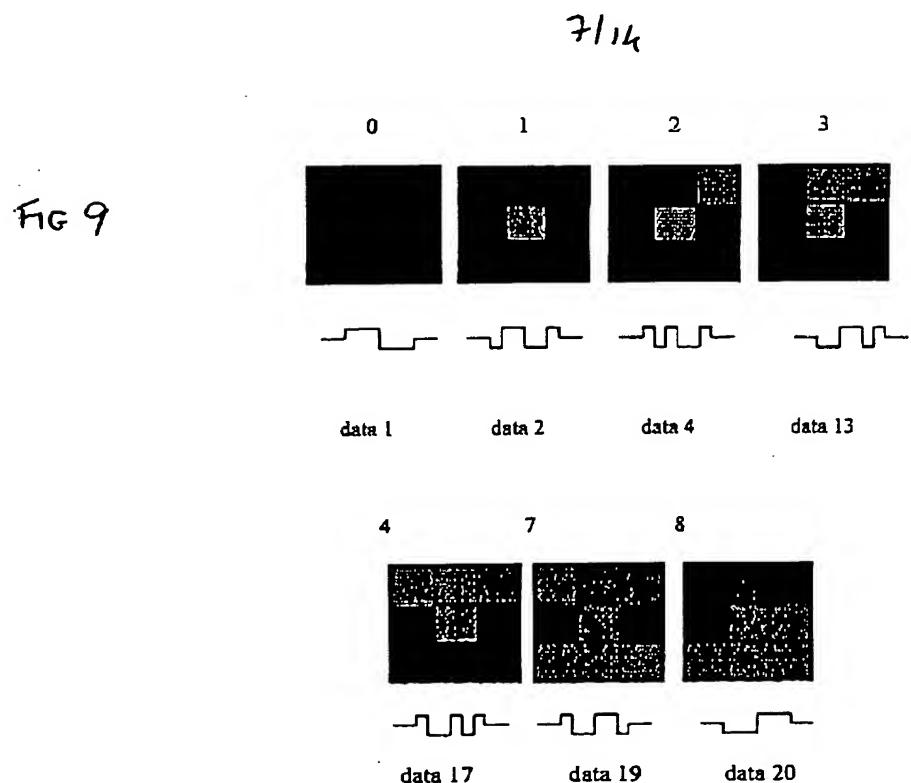


Fig 8

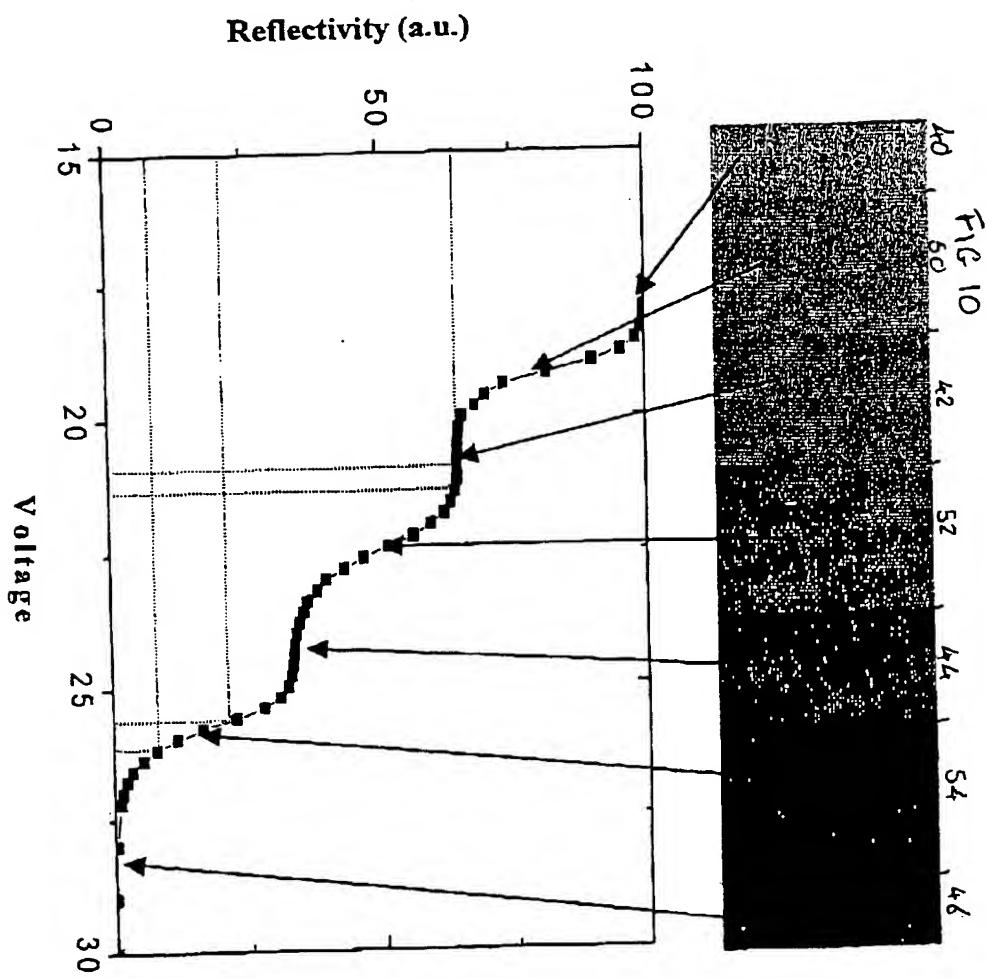


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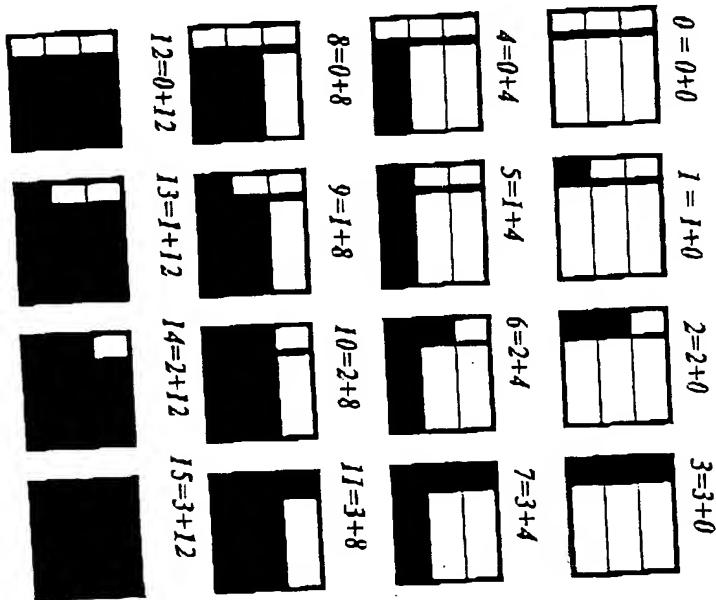
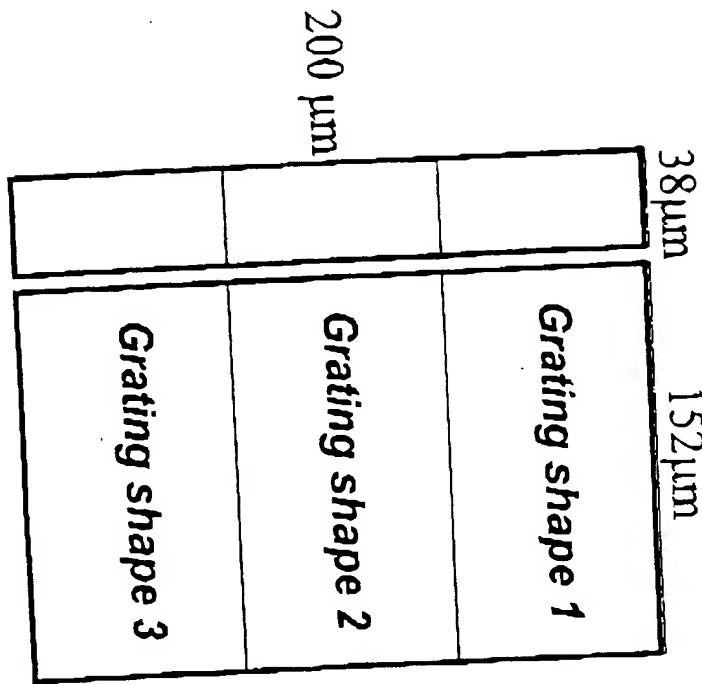


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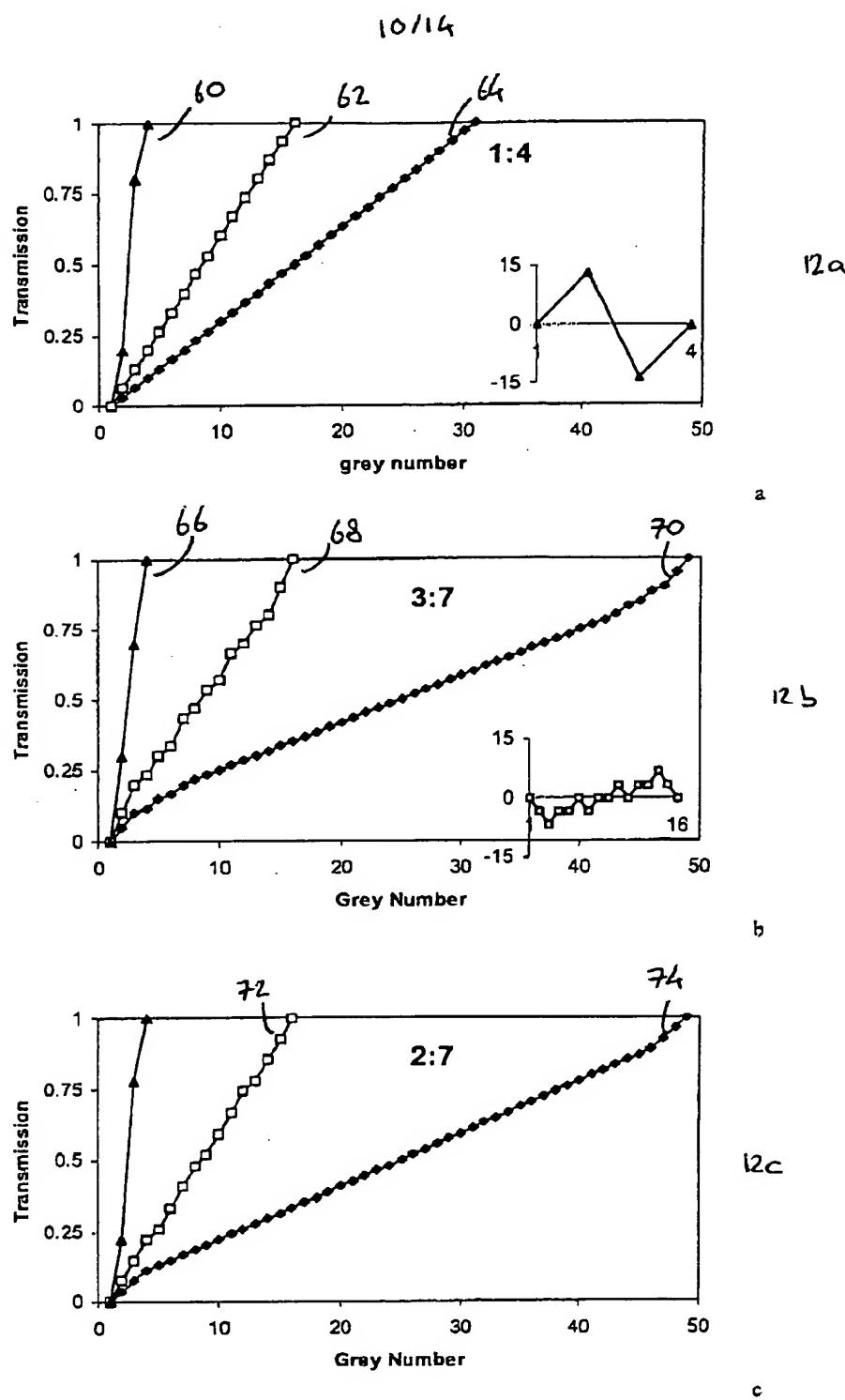
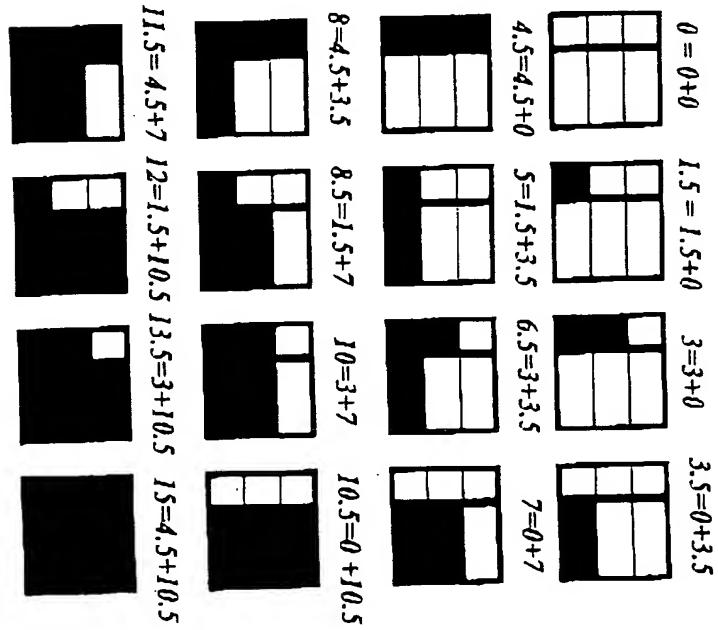
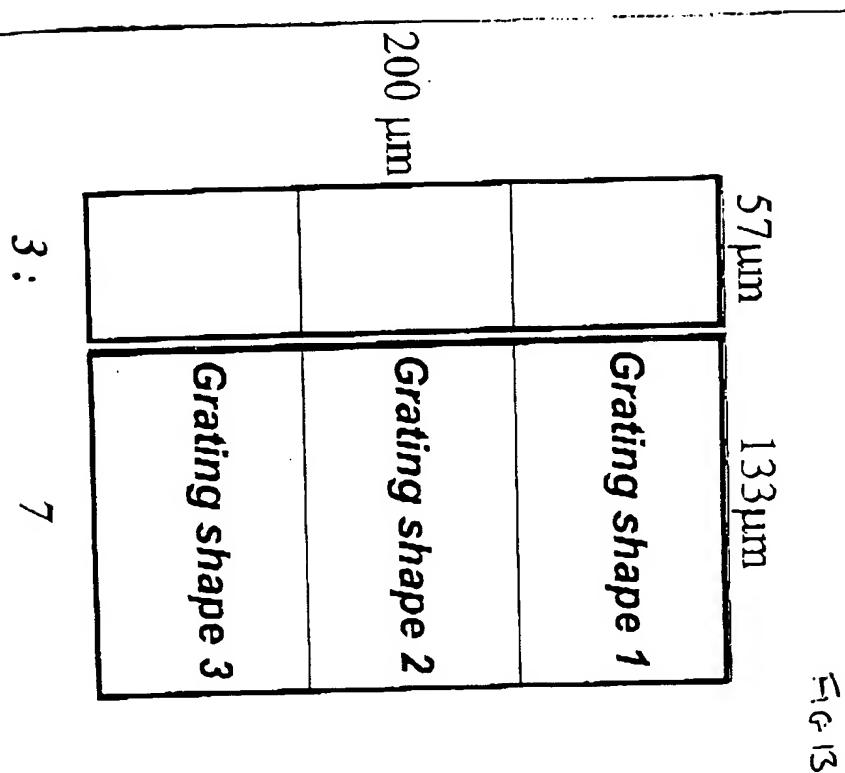


Figure 12

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3 :

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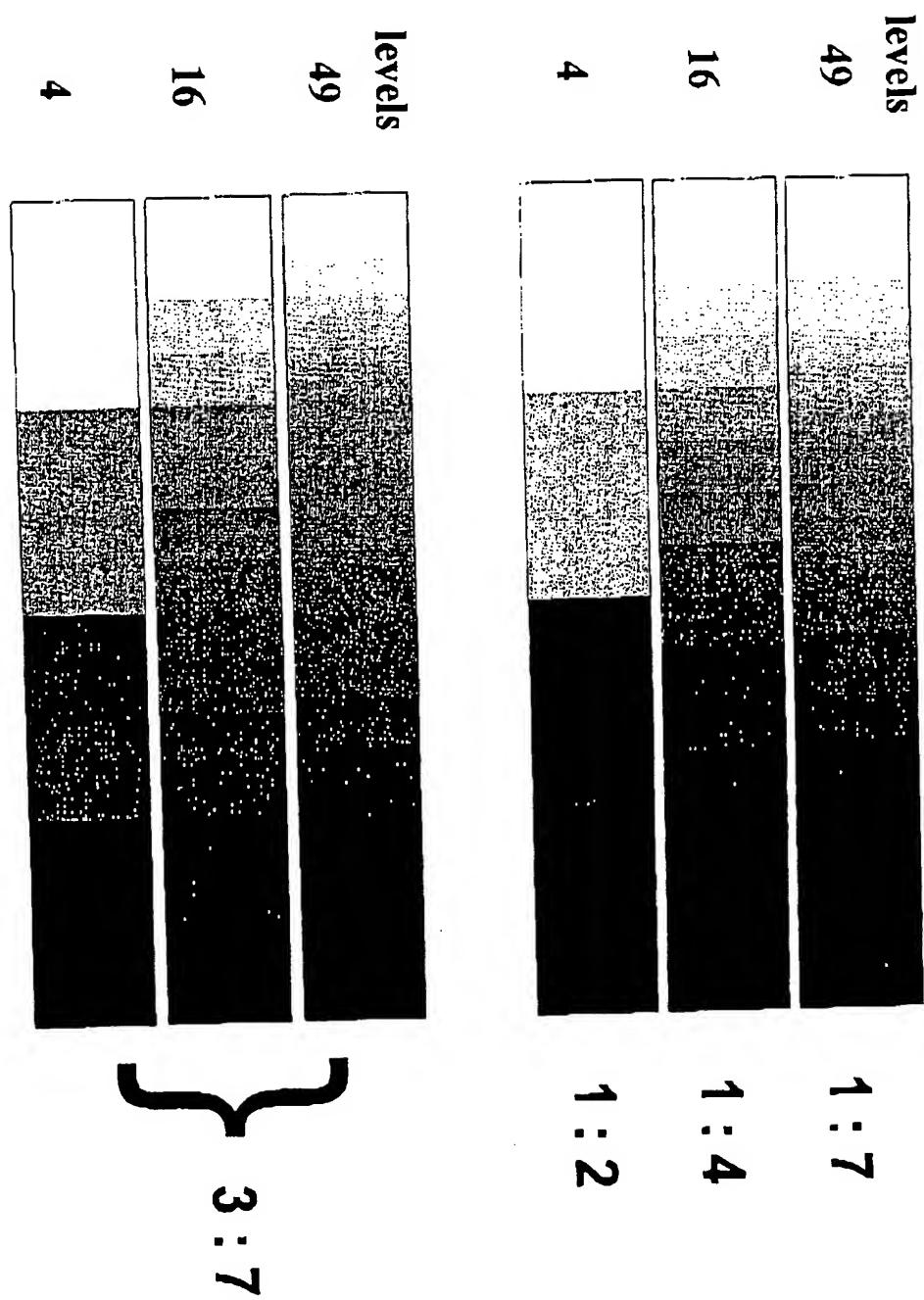
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$0 = 0+0$	$2.4 = 2.4+0$	$4.8 = 4.8+0$	$5.6 = 0+5.6$	$7.2 = 7.2+0$	$8.0 = 2.4 + 5.6$	$9.6 = 9.6 + 0$	$10.4 =$ $4.8 + 5.6$	$11.2 =$ $0 + 11.2$	$12.0 =$ $12.0 + 0$
$12.8 =$ $7.2+5.6$	$13.6 =$ $2.4+11.2$	$14.4 =$ $14.4 + 0$	$15.2 =$ $9.6+5.6$	$16.0 =$ $0 + 16.8$	$16.8 =$ $12.0 + 5.6$	$17.6 =$ $7.2+11.2$	$18.4 =$ $2.4 + 16.8$	$19.2 =$ $14.4 + 5.6$	$20.0 =$ $4.8 + 22.4$
$20.8 =$ $9.6+11.2$	$21.6 =$ $16.8+4.8$	$22.4 =$ $0 + 22.4$	$23.2 =$ $12.0 + 11.2$	$24.0 =$ $7.2 + 16.8$	$24.8 =$ $2.4 + 22.4$	$25.6 =$ $14.4 + 11.2$	$26.4 =$ $9.6 + 16.8$	$27.2 =$ $4.8 + 22.4$	$28 =$ $0 + 28$
$28.8 =$ $12+16.8$	$29.6 =$ $7.2+22.4$	$30.4 =$ $2.4+28$	$31.2 =$ $14.7 + 16.8$	$32 =$ $9.6 + 22.4$	$32.8 =$ $4.8 + 28$	$33.6 =$ $0 + 33.6$	$34.4 =$ $12 + 22.4$	$35.2 =$ $7.2+28$	$36 =$ $2.4 + 33.6$
$36.8 =$ $14.4 + 22.4$	$37.6 =$ $9.6+28$	$38.4 =$ $4.8+33.6$	$40 =$ $12 + 28$	$40.8 =$ $7.2 + 33.6$	$42.4 =$ $14.4 + 28$	$43.2 =$ $9.6 + 33.6$	$45.6 =$ $12 + 33.6$	$48 =$ $14.4 + 33.6$	$51G-14$

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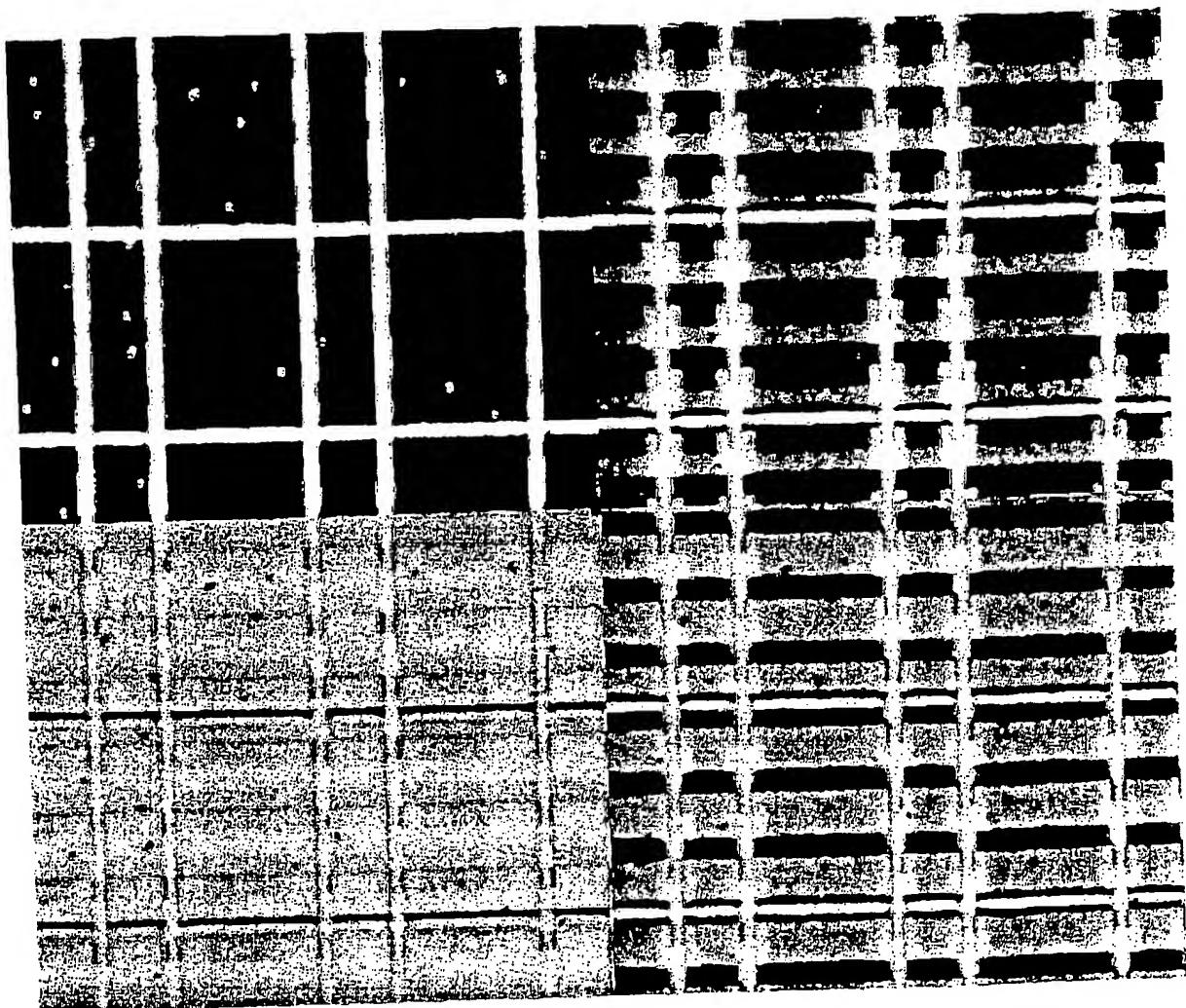


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FIG 16

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A)

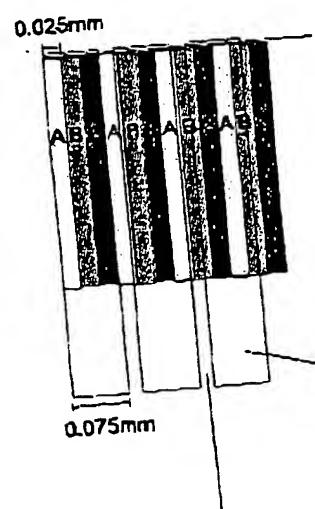


FIG 17

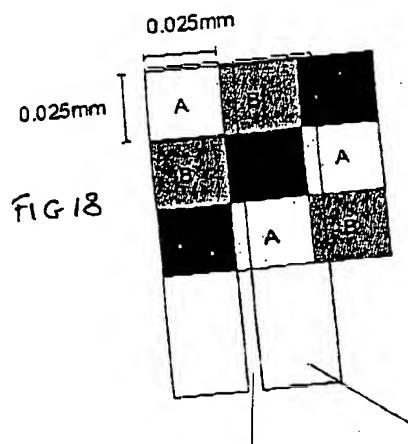


FIG 18

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